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Product Specifications

Catalogue Number	00669
Product	Boc-O-benzyl-L-serine Boc-O-benzyl-L-serine
CAS Number	23680-31-1
Molecular Formula	C ₁₅ H ₂₁ NO ₅
Molecular Weight	295.3

Appearance	White to off-white powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	57 - 65 °C
Water Content (Karl Fisher)	≤ 1%
Optical Rotation	[α] _D ²⁰ = 20 ± 2 ° (C=1 in EtOH:H ₂ O = 4:1)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1% (30 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Storage	Store at 0 - 8 °C

For Laboratory Use Only